

## **Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application:

### **Listing of Claims**

1. (Currently Amended) A method of automated real-time computing of cost basis of at least one asset comprising:

monitoring, by a computer, the reallocation of an ownership of at least one asset from a plurality of assets, wherein the asset is a financial asset;

extracting in real time, by the computer and from at least one product system, for computing said cost basis of said at least one asset and from a product system, reallocation data, asset information, and computed tax data associated with a the reallocation of the an ownership of at least one the asset, wherein the asset is a financial asset,

and wherein the product system in one of a plurality of product systems from which reallocation data is acquired extracted in real time,

wherein the reallocation data comprises of reallocation reasons, an asset type and a reallocation value,

and wherein the reallocation value comprises information relating to the value of the change in ownership of the asset,

and wherein the reallocation of the ownership of the asset by the product system is triggered by at least one of: a marriage, an inheritance, a gift, a partial spin-off, a stock split with owner option, a partial sale of the asset, and a change to an accounting method for the sale of the asset;

categorizing, by the computer, at least one asset into at least one of the reallocation categories based on the extracted reallocation data;

transforming, by the computer, at least one reallocation category into at least one reallocation reason code, wherein the reallocation reason code comprises codified information relating to the reason for the change in ownership of the asset;

re-categorizing, by the computer, the reallocation reason code into one of a plurality of tax treatment categories to establish a tax treatment re-categorization of the reallocation of the ownership of at least one asset, wherein the reallocation was previously firstly categorized, by

~~the product system, into one of a plurality of reallocation categories,~~ and wherein the tax treatment re-categorization is based upon the reallocation reason code, ~~the reallocation reasons,~~ and the asset information type and the is associated with a tax treatment of the reallocation;

computing automatically, by the computer, a real-time adjusted cost basis of at least one ~~the asset~~ based upon the reallocation reason code, ~~the reallocation reasons,~~ the asset information type, and the tax treatment re-categorization;

storing, by the computer, the tax treatment re-categorization and the adjusted cost basis in a portfolio management system to enable tax-related calculations based upon the tax treatment re-categorization;

extracting, by the computer, cost basis data and tax lot data from at least one product system to enable automated real-time reconciliation of the cost basis data and the adjusted cost basis;

identifying, by the computer, at least a portion of the tax lot data that was affected by the reallocation;

reconciling real-time, by the computer and based upon the tax treatment re-categorization, the cost basis data and the adjusted cost basis of the asset to at least one product system; and,

generating a report, by the computer, relating to the adjusted cost basis of the asset based on at least one of: the reallocation reason code, the tax treatment re-categorization and the adjusted cost basis of the asset.

2. (Previously Presented) The method of claim 1 further comprising codifying, by the computer, the tax treatment re-categorization of the reallocation of the ownership of the asset prior to automatically calculating the cost basis change of the asset.

3. (Previously Presented) The method of claim 2, wherein the product system is an account.

4.-5. (Canceled)

6. (Previously Presented) The method of claim 3, further comprising providing a portfolio having a plurality of assets distributed in the plurality of product systems.

7.-9. (Canceled)

10. (Previously Presented) The method of claim 6, further comprising utilizing the tax lot data to more accurately determine real-time cost basis change relating to the reallocation of the asset.

11.-21. (Canceled)

22. (Currently Amended) A host system for calculating automated real-time computing of cost basis of an at least one asset, the host system configured to:

monitor the reallocation of an ownership of at least one asset from a plurality of assets, wherein the asset is a financial asset;

extract in real time, from at least one a product system, reallocation data, asset information, and computed tax data associated with the a reallocation of the an ownership of at least one the asset, wherein the asset is a financial asset,

and wherein the product system in one of a plurality of product systems from which reallocation data is acquired extracted in real time,

wherein the reallocation data comprises of a reallocation reason code, reallocation reasons, an asset type and a reallocation value,

and wherein the reallocation value comprises information relating to the value of the change in ownership of the asset;

and wherein the reallocation reason code comprises codified information relating to the reason for the change in ownership of the asset,

and wherein the reallocation of the ownership of the asset by the product system is triggered by at least one of: a marriage, an inheritance, a gift, a partial spin-off, a stock split with owner option, a partial sale of the asset, and a change to an accounting method for the sale of the asset;

categorize at least one asset into at least one of the reallocation categories based on the extracted reallocation data;

transform at least one reallocation category into at least one reallocation reason code;

re-categorize the reallocation reason code into one of a plurality of tax treatment categories to establish a tax treatment re-categorization of the reallocation of the ownership of at least one asset, wherein the reallocation was previously firstly categorized, by the product system, into one of a plurality of reallocation categories, and wherein the tax treatment re-

categorization is based upon the reallocation reason code, ~~the reallocation reasons, and the asset information type~~ and is associated with the a-tax treatment re-categorization of the reallocation;

computing automatically a real-time adjusted cost basis of the asset based upon the reallocation reason code, the reallocation reasons, the asset type, and the tax treatment re-categorization;

store the tax treatment re-categorization and the adjusted cost basis in a portfolio management system to enable tax-related calculations based upon the tax treatment re-categorization;

extract cost basis data and tax lot data from at least one product system to enable automated real-time reconciliation of the cost basis data and the adjusted cost basis;

identify at least a portion of the tax lot data that was affected by the reallocation;

reconcile real-time, based upon the tax treatment re-categorization, the cost basis data and the adjusted cost basis of the asset to at least one product system; and,

generate a report relating to the adjusted cost basis of the asset based on at least one of: the reallocation reason code, the tax treatment re-categorization and the adjusted cost basis of the asset.

23. (Currently Amended) A method of automated real-time computing of cost basis of at least one an asset comprising:

monitoring , by a computer, the reallocation of an ownership of at least one asset from a plurality of assets, wherein the asset is a financial asset;

extracting in real time, by the computer, automatically from at least one product system, reallocation data associated with a reallocation of an ownership of the asset, ~~wherein the asset is a financial asset,~~

~~and wherein the product system in one of a plurality of product systems from which reallocation data is acquired extracted in real time,~~

and wherein the reallocation data comprises of a reallocation reason code, reallocation reasons, ~~an asset type~~ and a reallocation value,

and wherein the reallocation value, comprises information relating to the value of the change in ownership of the asset,

~~and wherein the reallocation reason code, comprises codified information relating to the reason for the change in ownership of the asset,~~

automatically categorizing, by the computer, at least one asset into at least one of the reallocation categories based on the extracted reallocation data;

automatically transforming, by the computer, at least one reallocation category into at least one reallocation reason code, wherein the reallocation reason code, comprises codified information relating to the reason for the change in ownership of the asset,

and wherein the reallocation of the ownership of the asset by the product system is triggered by at least one of: a marriage, an inheritance, a gift, a partial spin-off, a stock split with owner option, a partial sale of the asset, and a change to an accounting method for the sale of the asset;

automatically re-categorizing, by the computer, the reallocation reason code into one of a plurality of tax treatment categories to establish a tax treatment re-categorization of the reallocation of the ownership of at least one asset, ~~wherein the reallocation was previously firstly categorized, by the product system, into one of a plurality of reallocation categories,~~ and wherein the tax treatment re-categorization is based upon the reallocation reason code, ~~the reallocation reasons,~~ and the asset information type and the is associated with a tax treatment of the reallocation;

computing automatically, by the computer, a real-time adjusted cost basis of at least one asset based upon the reallocation reason code, ~~the reallocation reasons,~~ the asset information type, and the tax treatment re-categorization;

storing, by the computer, the tax treatment re-categorization and the adjusted cost basis in a portfolio management system to enable tax-related calculations based upon the tax treatment re-categorization;

automatically extracting, by the computer, cost basis data and tax lot data from at least one product system to enable automated real-time reconciliation of the cost basis data and the adjusted cost basis;

automatically identifying, by the computer, at least a portion of the tax lot data that was affected by the reallocation;

automatically reconciling in real-time, by the computer and based upon the tax treatment categorization, the cost basis data and the adjusted cost basis of the asset to at least one product system; and,

generating a report by the computer, relating to the adjusted cost basis of the asset based on at least one of: the reallocation reason code, the tax treatment re-categorization and the adjusted cost basis of the asset.